

Influenza Situation Report

2019-2020 Seasonal Influenza Week 42

(October 13 – October 19, 2019)



Marion County Public Health Department, IN 2019-10-28

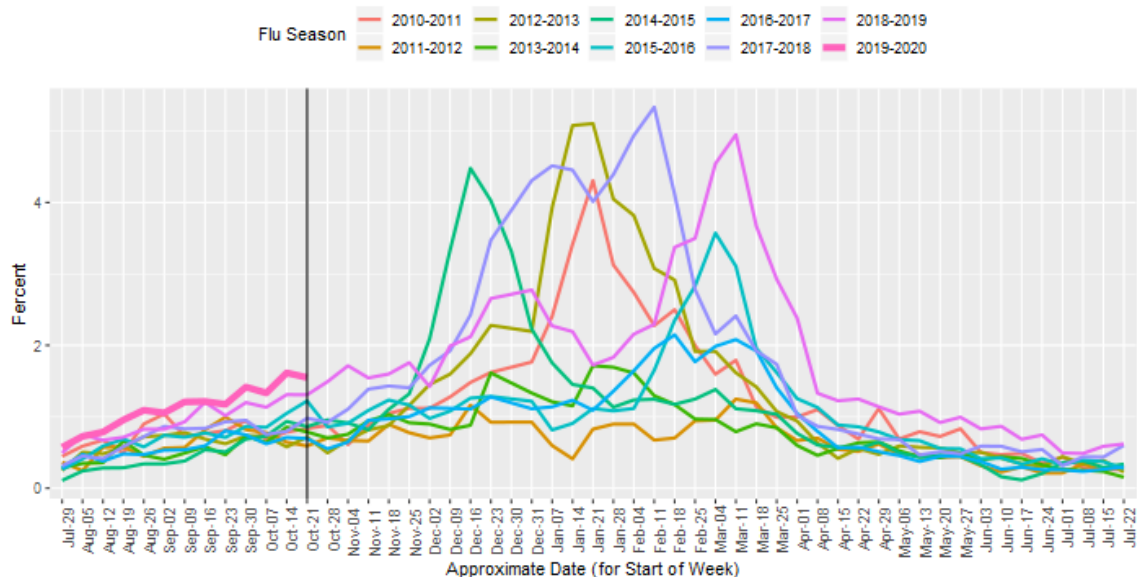
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Updates on Most Recent Local Activity: Week 43 (October 20 – 26)

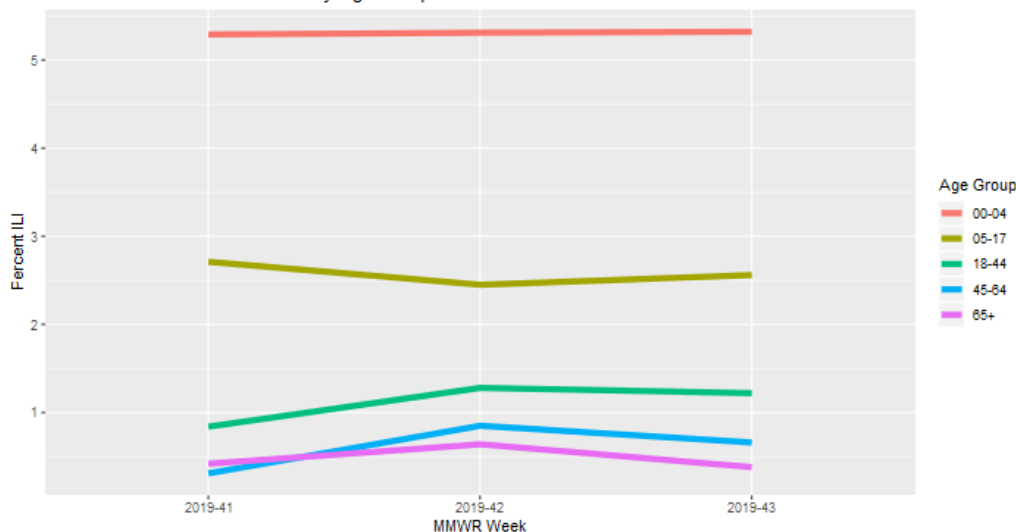
- Marion County emergency department (ED) visits for Influenza-like Illness (ILI) symptoms were slightly higher than we normally see this time of the year. We are still having a low number diagnosed with flu, but it did slightly increase.
- During Week 43, **1.55% of Marion County ED visits had ILI symptoms**
- There have been **less than five influenza-associated deaths for Marion County residents** this flu season.
- In Marion County hospitals' ED population, ILI was **most common in the 0-4 age group**. Among ED visits by 0-4 year olds, 5.32% was for ILI. ILI among ED visits by 5-17 year olds was next highest, at 2.56%.

Percent of ILI related ED Visits



DR1202 Brittany Yarnell MCPHD EPI (epidemiology@marionhealth.org) Data Source: ISDH ESSENCE 2019-10-28

Percent of ILI related ED Visits by Age Group



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Note: ILI (Influenza-Like Illness) visit means that the patient reported fever with cough or sore throat, or used the word "flu" or "influenza" to describe either their symptoms or their reason for the ED (Emergency Department) visit.

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Local (Week 42)

- The percentage of ILI related ED visits was 1.61%.
- Children age 0-4 had the highest age-specific percent ILI (5.31%).

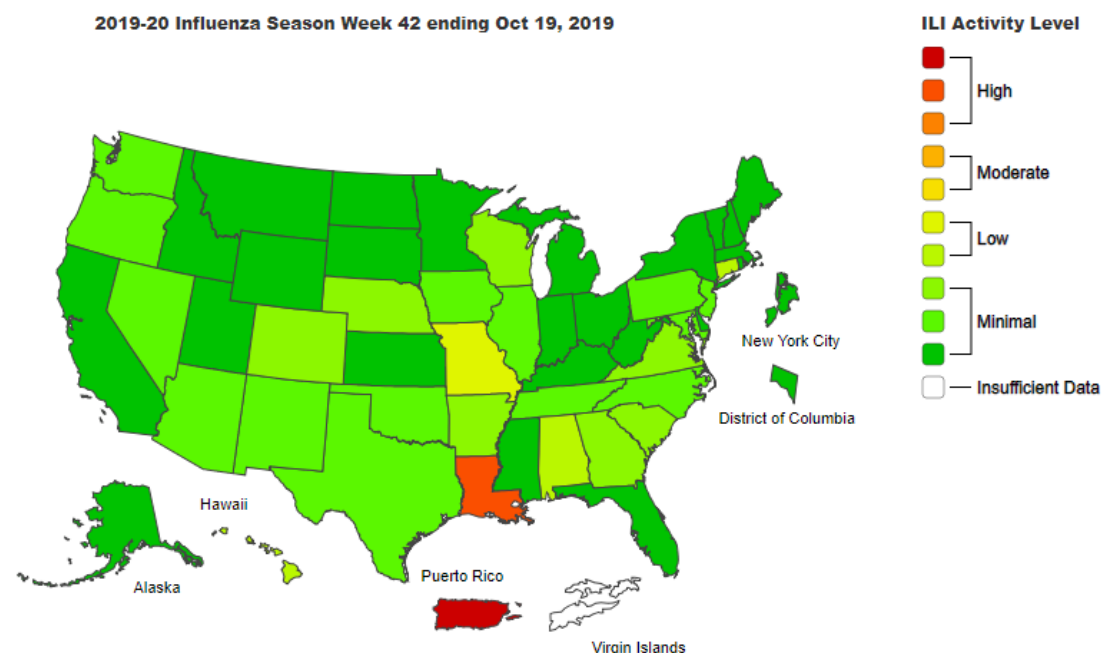
Indiana (Week 42)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2042-2019-2020.pdf>

- Indiana is experiencing **sporadic and minimal ILI activity**. For Week 42, ISDH reports 0.88% ILI at sentinel provider sites and 1.73% ILI ED visits. This is an **increase for sentinel provider sites** (0.81% Week 41) and **ED visits** (1.45% Week 41).
- There have been **two influenza-associated deaths** this season
- Week 42 results for samples tested at the state lab: **2 specimen tested positive for Influenza B Victoria seasonal virus**.

National (Week 42)

<https://www.cdc.gov/flu/weekly/index.htm>



- During Week 42, influenza activity remained low in the United States, and the majority states were reporting **minimal and sporadic influenza activity**. In addition, during **Week 42, 1.7% of outpatient visits were due to ILI** as reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet). This was **slightly higher than Week 41 (1.5%)**.
- **Two influenza-associated pediatric deaths** have been reported to CDC this flu season.
- During Week 42, **positive influenza tests slightly decreased in clinical laboratories** compared to Week 41 (2.4% vs. 3.4% respectively). **Influenza A had less positive respiratory specimens than influenza B** (31.9% vs. 68.1% respectively).
- During Week 42, **15.2% of specimens were positive at public health laboratories**. Of those, the top three subtypes/lineages were: **influenza A - H3N2 (35.4%), influenza B – Victoria lineage (29.1%), and influenza A – (H1N1)pdm09 (17.7%)**.

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